

Title (en)

Cantilevered differential motion sensor and associated frame

Title (de)

Freischwebender Differenzialbewegungssensor und zugehöriger Rahmen

Title (fr)

Capteur de mouvement différentiel en porte-à-faux et cadre associé

Publication

EP 2447161 B1 20211117 (EN)

Application

EP 11181885 A 20110919

Priority

- US 40762710 P 20101028
- US 97711410 A 20101223

Abstract (en)

[origin: EP2447161A2] The disclosed sensor (50;150) includes a frame having a base (26;126) and a plurality of arms (22,24;122,124) integral with the base. The arms are biased to a relaxed position, which may be an extended position. A fuse (40;140) is fastened between the arms to hold the arms in a non-relaxed position. When incorporated into an aircraft, for example, the disclosed sensor may be connected to a first panel (72), and a pin (60) connected to a second panel (74) may be positioned between the arms.

IPC 8 full level

B64D 45/00 (2006.01)

CPC (source: EP US)

B64D 45/0005 (2013.01 - EP US); **B64D 2045/001** (2013.01 - EP US); **Y10T 29/49826** (2015.01 - EP US)

Citation (examination)

WO 9326028 A1 19931223 - SIEMENS AG [DE], et al

Cited by

EP3578465A1; US10824830B2

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EP 11181885 A 20110919; CN 201110331214 A 20111027; US 97711410 A 20101223